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COMPUTER TOMOGRAPHIC EQUIPMENT

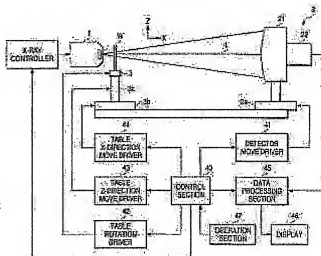
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Abstract of KR 20020092190 (A)

PURPOSE: To provide computer tomographic equipment for easily sampling three-dimensional data with high resolution over a wide region.
CONSTITUTION: By giving a continuous imaging command by setting a direction where a turntable 3 is moved, a visual field width FOV(z) of an X-ray detector 2 in the direction of the rotary axis of the turntable 3, and the number n of imaging, a tomographic image where data obtained by n imaging are reconfigured is obtained by repeating an imaging operation for collecting X-ray transmission data by rotating the turntable 3 and an operation for moving the turntable 3 only by FOV(z) in the set direction to obtain a continuous tomographic image even if a required region cannot be covered within a visual field by setting a high imaging magnification to obtain three-dimensional data with high resolution.



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